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**Schlumberger**

**Via Express Mail EV 058370778 US**

February 19, 2004

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: **Customer No. 37003**  
Non-Provisional Patent Application of:  
Bhavani RAGHURAMAN, Gale H. GUSTAVSON,  
Emilie DRESSAIRE, Oleg ZHDANEEV, Ronald VAN HAL,  
Oliver MULLINS, and Philippe SALAMITOU  
entitled, SPECTROSCOPIC PH MEASUREMENT USING  
OPTIMIZED MIXTURES OF REAGENTS TO EXTEND  
MEASUREMENT RANGE  
(Our Reference No. 60.1564 US NP)

Sir,

Enclosed for filing in the U.S. Patent and Trademark Office is the above-identified non-provisional patent application, which includes 19 pages of text, 6 pages of claims (1-55), Abstract, 11 sheets of drawings (Figs 1-10), and an unexecuted Declaration.

The filing fee is calculated as follows:

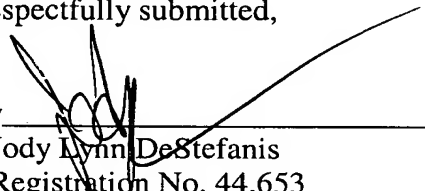
Basic Filing Fee	\$ 750.00
Total Claims = <u>55</u>	
Excess over 20 = <u>35</u> X \$18.00	630.00
Independent Claims = <u>6</u>	
Excess over 3 = <u>3</u> X \$84.00	252.00
Total Fees	<b>\$1632.00</b>

It is respectfully requested that a filing date bearing today's date be assigned to this application in accordance with 37 CFR §§1.10, and 37 CFR §§1.53, which permits express mail filing and late filing of the oath or declaration, respectively.

The Commissioner is hereby authorized to charge Deposit Account Nº. 19-0615 in the amount of **\$1632.00** to cover the above-calculated fees and any other filing fees that may be required under 37 C.F.R. §1.16. Should this amount be incorrect, the Commissioner is hereby authorized to charge or credit any deficiency or overpayment to Deposit Account Nº. 19-0615

Two copies of this transmittal letter are enclosed for PTO accounting use.

Respectfully submitted,

By   
Jody Lynn DeStefanis  
Registration No. 44,653

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	<b>Customer No. 37003</b>
Bhavani RAGHURAMAN, Gale H. GUSTAVSON	)	
Emilie DRESSAIRE, Oleg ZHDANEEV,	)	
Ronald VAN HAL, Oliver MULLINS, and	)	
Philippe SALAMITOU	)	
	)	
Serial N°: To be Assigned	)	Group Art Unit:
	)	
Filed: February 19, 2004	)	Examiner:
	)	
For: SPECTROSCOPIC PH MEASUREMENT USING	)	Docket N°: 60.1564 US NP
OPTIMIZED MIXTURES OF REAGENTS TOI	)	
EXTEND MEASUREMENT RANGE	)	

EXPRESS MAIL CERTIFICATE  
UNDER 37 CFR §1.10

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Express Mail Label Number: EV 058370778 US

Date of Deposit: February 19, 2004

I hereby certify that the attached Patent Application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

(Signature)  
(Print Name)

  
Ruth A. Schreiber

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